What is claimed is:

1. An automatic test data generating apparatus, comprising:

a first database for storing at least information on raw data and a moving picture experts groups transport stream(MPEG TS) standard; and

a test data generator for generating test data corresponding to input items of a user based on the input items of the user and said at least information on the raw data and the MPEG transport stream standard.

2. The apparatus of claim 1, wherein the test data generator provides the generated test data to be stored in the database.

3. The apparatus of claim 2, further comprising a test data script file generator for generating the test data stored in the database in a form of a script file.

4. The apparatus of claim 1, further comprising a test data scenario generator for generating a scenario with respect to the generated test data when the test data is generated by the test data generator.

5. The apparatus of claim 4, wherein the scenario generator outputs the scenario in a form of a script file.

6. The apparatus of claim 1, further comprising a test data analyzer for analyzing the test data generated by the test data generator, according to a predetermined standard.

7. The apparatus of claim 6, wherein the predetermined standard is set based on a variety of contents and a coincidence of test input items.

8. The apparatus of claim 6, wherein the test data analyzer provides analysis results to be stored in the first database.

9. The apparatus of claim 6, wherein the test data analyzer outputs analysis results in a form of a table or a chart.

10. The apparatus of claim 1, wherein the first database comprises a second database for storing the raw data, a third database for storing information on the MPEG transport stream standard, a fourth database for storing the test data generated by the test data generator, and a fifth database for storing results of analyzing the test data according to a predetermined standard.

11. The apparatus of claim 1, wherein the test data generator comprises:

a user interface for interfacing between the test data generator and means for inputting user input items so as to receive the input items of the user;

a test data forming planning unit for planning for forming the test data on the basis of the user input items when the user input items are input through the user interface; and

a test data automatic generator for generating the corresponding test data with reference to information on the MPEG transport stream standard and generating a structure of the test data with reference to said at least information on the raw data and the MPEG transport stream based on content planned in the test data forming planning unit.

12. A method for generating test data, comprising:

(a) forming a database based on information on raw data and a moving picture experts group transport stream (MPEG TS) standard;

(b) generating the test data corresponding to information on input items with reference to the database, when input item information on desired test data is input from a user; and

(c) outputting the generated test data.

13. The method of claim 12, further comprising:

(d) generating a scenario corresponding to the generated test data; and

(e) outputting the scenario.

14. The method of claim 12, further comprising (d) analyzing the generated test data according to a predetermined standard and outputting the analyzed test data.

15. The method of claim 14, wherein the predetermined standard comprises a variety of contents and a coincidence of test input items.

16. The method of claim 12, wherein the step (b) comprises:

(b1) planning for forming the test data on a basis of the input items of the user;

(b2) generating a structure of the test data with reference to the database; and

(b3) generating the test data, which is suitable for the MPEG transport stream standard, according to the structure of the test data.

17. The method of claim 16, wherein the step (b2) comprises:

(b2-1) reading one record from a predetermined table of one or more tables included in Meta data, which exists in the database;

(b2-2) checking whether a dependent table of the predetermined table is extendable with reference to said one record;

(b2-3) checking a number of times of insertion of the dependent table by calling a test data structure automatic generation function with reference to said one record when the dependent table can be extended;

(b2-4) reading another record from the a table of said one or more tables included in the Meta data having a same field name as a field name of said one record, and returning to (b2-2) when the dependent table must be further inserted as a result of checking the number of times of insertion of the dependent table;

(b2-5) generating the test data structure of the predetermined table when the dependent table cannot be extended; and

(b2-6) executing steps (b2-2) through (b2-5) on other records in the predetermined table when it is determined that it is not necessary for the dependent table to be inserted further as a result of checking the number of times of insertion of the dependent table or when the step (b2-5) is completed.

18. The method of claim 16, wherein the step (b3) comprises:

(b3-1) reading one record from a predetermined table of one or more tables included in the test data, which exists in the database;

(b3-2) checking whether the predetermined table is a simple data field with reference to information included in said one record;

(b3-3) calling an automatic test data value generation function with reference to Meta data, which exists in the database, and generating the test data with respect to the predetermined table when the predetermined table is a simple data field; and

(b3-4) reading another record from another table of said one or more tables included in the test data having a same field name as a field name of said one record , which exists in the database and returning to step (b3-2) when the predetermined table is not a simple data field.

19. The method of claim 12, wherein the generated test data is in a form of a script file.

20. The method of claim 13, wherein the output scenario is in a form of a script file.